	ROUTIN	G AND	RECOR	D SHEET		
SUBJECY: (Optional)						
		1	CUTCLICION	Tuo		
FROM:			EXTENSION	NO. ST		
,				DATE		
606 Ames Bldg.				11 May 1972 STA		
TO: (Office: designation, room number, and building)	D: (Office: designation, room number, and DATE ilding)		OFFICER'S	COMMENTS (Number each comment to show from who to whom. Draw a line across column after each commen		
	RECEIVED	FORWARDED	INITIALS			
1			, /	We would like to take a pollSTA		
-237 South Bldg.		Myza	K	for our own guidance at the		
2.		0		approximate half-way point for		
				this second pilot cycle of the		
3. TO (20 / OP)				Engineering Systems Analysis series. The reason for this		
3. TA PP/ORD 606 amos Reldy				timing is that looking back ove		
1606 ames Bldg				a six-month interval may be		
4. /				more accurate than looking over		
	-			the full 12 months of the serie		
5.				Would you please check off the attached questionnaire some tir		
	,			in the next two weeks and rout		
6.			_	back through your Training		
				Officer. If questions arise,		
7.				T ST.		
8.				-		
9.			····			
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10.						
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15.						
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COURSE CRITIQUE

Please rate 1-10 (poor to ex on the scale given. Commentack of pages if needed.		9	-
FORM		RATING	-
1. Format of the course wa to a rough 5% time commitment full-day class treatment of a Please rate:	, -		
	1 day/month 4 hours/every 2 weeks	1 5 1 5 8	10
Other Alternatives:			
2. The point of the applicat illustrate where current cour in the real world. Please r	rse material was utilized		
	Material relevance Applications speakers present actions	1	10 10
3. The purpose of the home topical material with about 4 rate these:			
	3 one-hour problems 20 ten-minute problems	1 4 5 1 5	$-^{10}_{10}$
4. A possible alternative is "keep-alive" exercise in the rate these alternatives for coshort session of 1 hour sche weekly classes):	topical area. Please ontinuity (this would be a		
	Problem-solving session Second applications	1 3 5	10
	session	1 3 5	10

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		•	
5. The class was intended to blackboard-pictorial developme modelling concepts more readiness of alternatives:	nt in order to convey	-e -	
	Diagrammatic presentation	1(5)	10
	Mix of vuegraphs & chalkboard	1 45	10
6. The symbology of various confusing due to the separate s effort at consistency was made interpretation within the technic rate effectiveness:	ource developments. As in order to permit cros	n SS	
	Common symbology Example illustrations	1 5 1 5	$_{-10}^{10}$
7. The intent of notes and har throughout the month was to tie technical literature. Please ra	e course topics to		
	Effectiveness of hand- out reprints Effectiveness of	1_3_5	_10
	specially developed handouts	15	_10
8. General impedimenta such a day/month, same format, etc., tinuity. Please rate:	as same room same for providing con-	,	
Would you prefer a roundtable s	Room Day Daily sequence seminar format?	1 (5) 1 (5) 1 (5) 1 3 5	10 10 10 10

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9.	The	course	was	designe	d to	present	a	semi-	
unita	ary a	approach	to	several	disc	iplines.	F	Please	rate
appl	icabl	e areas	1-1	.0:					

Communications
Hum. Eng. & Biomed.
Computer Technology Optics 5 Acoustics
Seismics 7 Pictorial

SUBSTANCE

The course material is split 50% basic math tools and 50% in commonality subsystems. (Those subsystems which are pervasive in designs across disciplines.) The sequence was that recommended by ASEE for match modelling related to several fields. Please rate:

> Balance of material Total content

The sequence is given below for each session. Please give your rating for both material content and for the applications given both formally and in the course of concept development.

Session I; Vectorial Representation; matrices, num. analysis, linear systems, sampling, manipulation:

> Material Application

Session II; Transforms; convolution, Fourier and Laplace transformations, Z transforms, impulse response, numerical analysis:

> Material Application

10 10

10

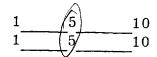
Session III; Probability and Statistics; random var., expectancy, density functions, distributions, confidence limits:

> Material 10 Application

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14. Session IV; Stochastic Variable; stationarity, ergodicity, moments, correlation, power spectral density, white noise, square law detection:

Material Application



15. Session V; Signal Detection; value, cost liklihood ratio detection, Bayes Law:

Material Application

1	4	5	10
1_	d	_5_	10

16. Session VI; Detector Subsystems I; receiver operating characteristics, detection situations, S/N ratio, data smoothing and prediction:

Material Application

1		10
1	5	10